

RESOLUTION No. 2008-18-705

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MIAMI GARDENS, FLORIDA, AUTHORIZING THE CITY MANAGER TO ENTER INTO A WORK ORDER AGREEMENT WITH URS CORPORATION, FOR THE DESIGN OF INDUSTRIAL AREA DRAINAGE IMPROVEMENTS, IN THE AMOUNT OF \$69,806.00; PROVIDING FOR THE ADOPTION OF REPRESENTATIONS; PROVIDING AN EFFECTIVE DATE.

WHEREAS, in June 2007, the City of Miami Gardens was awarded Fiscal Year 2006-2007 General Appropriations Act funding in the amount of \$700,000.00, \$600,000.00 of which is for the LP6753 Project (Miami Gardens Industrial Area Drainage Improvement) and \$100,000.00 was awarded for the LP6754 Project (Miami Gardens Northwest 45th Court Drainage Improvements), and

WHEREAS, Project LP6753 will cover the area from Northwest 44th Court to Northwest 57th Avenue, and from the unincorporated Miami-Dade County line on the south, to Northwest 167th Street, and

WHEREAS, on March 23, 2005, the City Council awarded a non-exclusive contract for professional architectural, engineering and planning services to URS Corporation, and

WHEREAS, City staff is recommending that the City Council authorize the issuance of a Work Order Agreement with URS Corporation for this purpose,

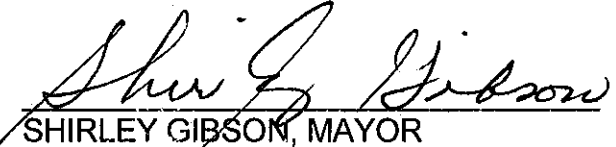
NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MIAMI GARDENS, FLORIDA, AS FOLLOWS:

Section 1. ADOPTION OF REPRESENTATIONS: The foregoing Whereas paragraphs are hereby ratified and confirmed as being true, and the same are hereby made a specific part of this Resolution.

Section 2. AUTHORIZATION: The City Council of the City of Miami Gardens hereby authorizes the City Manager to execute that certain Work Order Agreement with URS Corporation for the design of the LP6753 industrial site for drainage improvements in the amount of \$69,806.00.

Section 3. EFFECTIVE DATE: This Resolution shall take effect immediately upon its final passage.

PASSED AND ADOPTED BY THE CITY COUNCIL OF THE CITY OF MIAMI GARDENS AT ITS REGULAR MEETING HELD ON FEBRUARY 13, 2008.


SHIRLEY GIBSON, MAYOR

ATTEST:


RONETTA TAYLOR, OMC, CITY CLERK

PREPARED BY: SONJA KNIGHTON DICKENS, ESQ.
City Attorney

SPONSORED BY: DANNY CREW, CITY MANAGER

MOVED BY: Vice Mayor Watson
SECONDED BY: Councilman Bratton

VOTE: 5-1

Mayor Shirley Gibson	<input checked="" type="checkbox"/> (Yes)	<input type="checkbox"/> (No)
Vice Mayor Barbara Watson	<input checked="" type="checkbox"/> (Yes)	<input type="checkbox"/> (No)
Councilman Melvin L. Bratton	<input checked="" type="checkbox"/> (Yes)	<input type="checkbox"/> (No)
Councilman Oscar Braynon, II	<input type="checkbox"/> (Yes)	<input type="checkbox"/> (No) Not present
Councilman Aaron Campbell	<input checked="" type="checkbox"/> (Yes)	<input type="checkbox"/> (No)
Councilwoman Sharon Pritchett	<input type="checkbox"/> (Yes)	<input checked="" type="checkbox"/> (No)
Councilman André Williams	<input checked="" type="checkbox"/> (Yes)	<input type="checkbox"/> (No)

City of Miami Gardens

1515-200 NW 167th Street
Miami Gardens, Florida 33169



Mayor Shirley Gibson
Vice Mayor Barbara Watson
Councilman Melvin L. Bratton
Councilman Aaron Campbell Jr.
Councilwoman Sharon Pritchett
Councilman Oscar Braynon II
Councilman André Williams

Agenda Cover Page

Date: February 13, 2008

Fiscal Impact: No ☒ Yes

(If yes, explain in Staff Summary)

Funding Source: EPA Grant

Contract/P.O. Requirement: Yes ☒ No

Sponsor Name/Department:

Danny Crew, City Manager

Public hearing ☐

Ordinance ☐

Reading

Advertising requirement:

RFP# 04-05-003 Continuing A&E Contract

Quasi-Judicial ☐

Resolution ☒

2nd Reading

Yes ☐ No ☒

Title

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MIAMI GARDENS, FLORIDA, AUTHORIZING THE CITY MANAGER TO ENTER INTO A WORK ORDER AGREEMENT WITH URS CORPORATION, FOR THE DESIGN OF INDUSTRIAL AREA DRAINAGE IMPROVEMENTS, IN THE AMOUNT OF \$69,806.00; PROVIDING FOR THE ADOPTION OF REPRESENTATIONS; PROVIDING AN EFFECTIVE DATE.

Staff Summary

The City became responsible for the stormwater utility in March 2007. The two industrial areas listed were determined to be flooding problem areas.

Analysis:

At the beginning of 2007, the City of Miami Gardens applied for two grants from Department of Environmental Protection for drainage improvements.

On June 2007 the City of Miami Gardens was informed that the Fiscal Year 2006-2007 General Appropriations Act provided funding for the two Stormwater projects in the amount of \$600,000 and \$100,000 respectively. On November 2007 The City of Miami Gardens received the copies of the fully executed grant agreements.

The projects are described as follows:

1. LP6753 – Miami Gardens Industrial Area Drainage Improvement - \$600,000.
2. LP6754 – Miami Gardens NW 45th Ct. Drainage Improvements -\$100,000

The first project in the amount of \$600,000 will cover the area from NW 44 Court to NW 57 Avenue and from Unincorporated Miami Dade County Line on the south to NW 167 Street. The second project in the amount of \$100,000 will cover the area of NW 45 Court from NW 171 Street to NW 171 Terrace.

Matching funds are not required for these grants. Disbursement of funds will be provided on a cost reimbursement basis, following submittal of contractor invoices and proof of payment.

Both areas were also recommended for drainage improvement by PBS&J on the City of Miami Gardens Stormwater Master Plan. Based on our soil condition French Drains are the only system recommended and will be designed per the Department of Environmental Resources Management (DERM).

At your meeting on March 23, 2005, Council awarded non-exclusive contracts for professional architectural, engineering and planning services. URS Corporation, located in Miami, Florida, was awarded a contract for stormwater engineering services.

Per the City's continuing engineering contract, the City of Miami Gardens assigned URS Corporation to prepare construction/engineering plans to be used by the contractor to build the projects to the amounts specified by the grants. URS Corporation will provide the following services: design services for stormwater facilities (French Drains, catch basins etc.) utility coordination, right-of-way survey, geotechnical engineering services to obtain soil information, preparation of drainage report with French Drain calculations, and preparation of engineering drawings. Quotations are attached as Exhibit "A". The quotation for the LP 6753 Industrial Site is \$69,806.00. The quotation for the LP 6754 - 45th Court is \$9,560.00 which is under the City Manager's spending authority and therefore is not included in this agenda item for your approval.

Public Works/Engineering Department will provide with contract administration, management, and technical reviews of all work associated with the development and preparation of the contract plans. The permitting and construction processes will be administrated in-house.

Recommendation:

That the City Council approve resolution authorizing Work Order with URS Corporation in the amount of \$69,806.00 for the design of the LP 6753 Industrial Site.



January 30, 2008

Mt. Tom Ruiz, P.E.
Public Works Director
1515 NW 167th Street
Building 5, Suite 200
City of Miami Gardens, Florida 33169

**RE: Storm Water Engineering Design Proposal
LP 6753 Industrial Site**

Dear Tom:

URS Corporation (URS) is pleased to submit our design cost estimate for the sites provided in Attachment A – "SCOPE OF SERVICES Industrial Area LP6753 and NW 45 Court.doc." These design services and cost estimate is for LP6753 Industrial Area only and is based upon the following:

1. Design services for stormwater facilities for the 5-year storm event.
2. Two Site Visits per site for design and one per site for utility coordination
3. Centerline survey as described in the attached Survey Scope for each of the industrial site streets
4. Three test Holes for K-Factor Geotech Testing
5. Preparation of Drainage Report with French Drain Calculations for each
6. Preparation of engineering drawings for each Street (11x17 Sheet Plans)

URS will order the survey and geotech work upon receipt of the notice to proceed (NTP). It is anticipated that the survey and geotech work will be complete within 45 calendar days of NTP. URS will submit the 30% plans 30 days from NTP, 90% plans 65 days from NTP, and the final design 15 days after comments are received from the City and DERM on the 90% plans. Assuming 10 days for City comments, the complete design will be submitted within 90 calendar days of NTP. URS will provide the City with four signed and sealed 90% engineering drawings and drainage reports assuming two for permitting and two for their records along with electronic pdf files. URS will provide the City with four signed and sealed 100% engineering drawings for bidding and records.

Our design estimate is based upon providing drainage facilities to serve the ROW for the area identified in Attachment A. Our fee proposal includes the following items:

- | | |
|----------------|-------------|
| 1. Engineering | \$48,532.00 |
| 2. Survey | \$19,624.00 |

7650 Corporate Center Drive
Suite 401
Miami, FL 33126
Tel. (305) 884-8900
Fax (305) 884-2665

3. Geotech Testing \$ 1,650.00

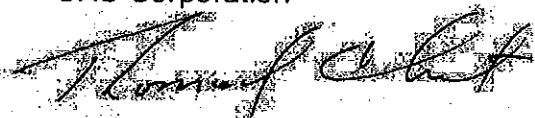
Total \$69,806.00

From the GIS plan view, the industrial area encompasses 10 streets for a total length of 24,000 lf. We have identified from the GIS LIDAR (elevation model) that approximately 32 catch basins maybe located at those intersections identified in Figures 1 and 2. Centerline survey will be used to confirm this and possibly locate additional catch basins as low spots. Engineering plans will be drawn based upon the Miami Dade County GIS coverages from the Parcel Property Lines and the 2006 digital aerials. Water and sewer features will be located from Miami Dade Water & Sewer Atlas maps. Underground utilities will be located in the field prior to construction. This survey does not locate underground utilities. Adjustment of the catch basins and stormwater features may be made following the utility locates in the field.

We understand that there is only \$600,000 in available grant funding for all services including construction. The City of Miami Gardens Master Plan calls for 19,000 LF of French Drain in this area and at the estimated \$270/LF of FD. That is close to five million dollars (see Attachment C). Assuming the recommended design will be greater than the grant funding, URS will assist the City (revise the plans accordingly) and assist the City in negotiating with the selected construction contractor to maximize the grant funding.

We request that his work be accomplished as a lump sum. Man-hour breakdown is provided in the attached spreadsheet as well as the Survey and Geotech Scopes.

Sincerely,
URS Corporation



Thomas J. Christ, P.E.
Project Manager

Attachments:

- Attachment A – Scope of Services
- Attachment B – Man-hour Spreadsheet
- Attachment C – Master Plan Summary
- Attachment D – Survey Scope
- Attachment E – Geotech Scope